

REFERENCES

Energy recovery from waste water

Customer

ABZ Allgemeine Baugenossenschaft Zürich CH

Project

Ruggächer, Zürich-Affoltern CH 280 apartments, 14 buildings

Heating plant: heat exchanger + heat pump

EUR 363'000

Histery

Installation Summer 2005 Operation 2007

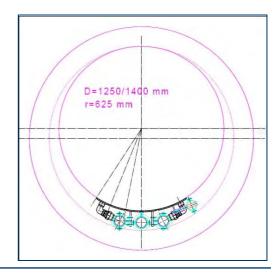


PROJECT / CONSTRUCTION / SPECIALITY

- Waste water flow Ca. 43 l/s The distributing pipes to the different buildings are designed
- with a temperature difference of 35 K for low flow because of - Length of heat exchanger 54 m low height in the garage.
- Heat extraction from waste water 252 kW In summer the heat pump goes to 65°C (149 F) for domestic hotwater. 322 kW
- Heat pump performance During the heating season, the heat pump runs with 45/35°C. (113/95 F)

PROJECT / CONSTRUCTION /SPECIALITY

- Replacement of the existing sewer with a new sewer with integrated heat exchanger
- Installation of 54 m sewer in 1 day
- CO₂-reduction 390 t / a



OUR ENGINEERING SERVICES

- Feasability studies (project)
- Potential studies (city)
- Project analysis
- Project
- Tender
- Contracting

- Operation
- Quality control